

10 December 1952

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1. The theory which is generally accepted by entomologists who are in Southwest Asia is that the locusts which have caused damage to crops in Southwest Asia do their hatching in the dried out river beds in Ethiopia, generally within a radius of 150 miles of Addis Ababa. The locusts move northeastward through Saudi Arabia to the desert on the border of Saudi Arabia and Iraq. They then fly eastward and south through Iran and on to India. The hatching of the locusts' eggs in Ethiopia takes place in late November and December which is the time when aerospraying should take place. We were unable, due to a late start, to spray in this area until April 1952. In early October 1952, my men report from Ethiopia that this year's crop of locusts will exceed the crop of 1951, dependent upon weather conditions during the time when the eggs are hatched.
2. Not hearing from any of my men since early October, except to the extent that spraying operations have commenced, in late November, I can assume that the weather conditions were favorable for the hatching of locust eggs.
3. We have three planes that are spraying Ethiopia at present; they will spray there for a period of 50 to 60 days. These planes will then go northward to the Saudi Arabia desert, where they will join four other planes, which are now stationed in Tehran. The seven planes will then spray the desert area for a period of nearly three months. It is our hope that we will be able to kill most of the locusts in this particular area; and if we are successful then the flight of the locusts to the east will not be so disasterous.
4. The formula that we use in our spraying operations of the locusts is two-and-one-half ounces of aldrin, which is manufactured by the Shell Oil Company in the US, mixed with one gallon of oil or kerosene. One gallon of this mixture is sufficient to spray one acre of land.

Available at Graphics Register for inspection and selection are the following snapshots:

1. Ethiopia - Shows kind of terrain that is sprayed in this country.

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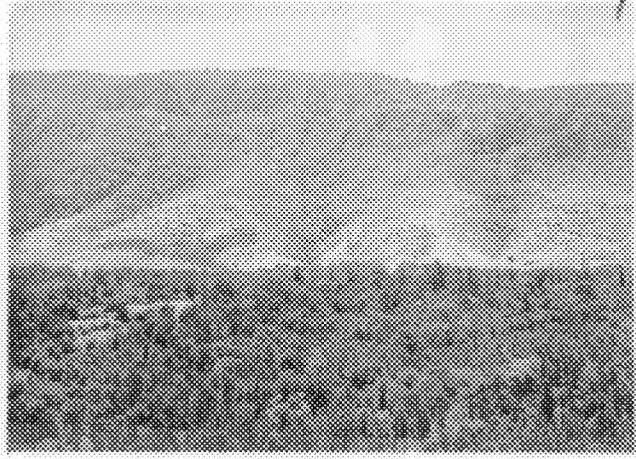
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2. Saudi Arabia - Picture taken from cockpit of accompanying plane, showing plane in the distance in spraying operation.
3. Saudi Arabia - Shows dead locusts, resulting from spraying operations.
4. Saudi Arabia - Shows additional dead locusts, resulting from spraying operations.
5. Saudi Arabia Shows camp site of spraying unit in the Saudi Arabian desert.
6. Saudi Arabia - Loading plane with locust spraying mixture.
7. Iraq - Shows the wild poppies which are harvested by the natives for the making of opium.
8. Iraq - Shows the natives meeting the locust spraying planes.
9. Iraq - Shows the first stages in the life of the locust in grain fields.
10. Iraq - Shows a plane flying high over the area to be sprayed; attached to the plane is the spraying equipment.

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